



DOCKET NO. 1252.1056

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:

Jerome MAILLOT, et al.

Serial No: 09/998,919

Group Art Unit: 2673

Confirmation No. 4265

Filed: December 3, 2001

Examiner: Unassigned

For: DYNAMICALLY ADJUSTED BRUSH FOR DIRECT PAINT SYSTEMS ON  
PARAMETERIZED MULTI-DIMENSIONAL SURFACES

LETTER TO THE EXAMINER SUBMITTING  
CORRECTED DRAWINGS

Assistant Commissioner for Patents  
Washington, D.C. 20231

ATTENTION: OFFICIAL DRAFTSPERSON

Sir:

In accordance with the requirement in Notice to File Missing Parts, mailed December 17, 2002, applicant herewith submits 21 sheets of corrected drawings for filing in the subject application.

It is respectfully requested that the corrected and/or formal drawings filed herewith be entered in the above-referenced application.

Respectfully submitted,

STAAS & HALSEY LLP

Date: 3/17/02

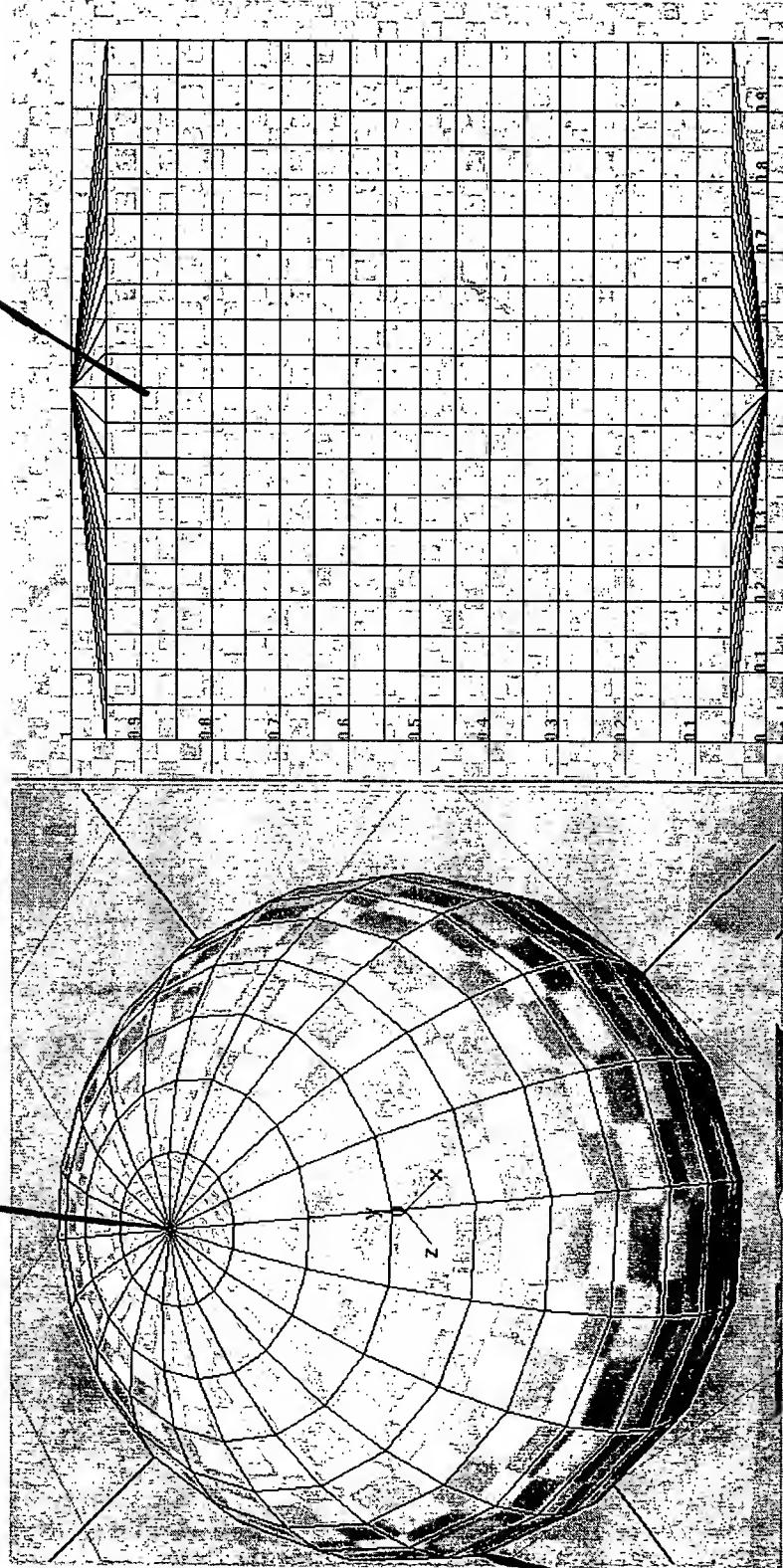
By: JM  
Jon H. Muskin  
Registration No. 43,824

700 Eleventh Street, N.W., Suite 500  
Washington, D.C. 20001  
Telephone: (202) 434-1500  
Facsimile: (202) 434-1501

PRIOR ART

102

101



100

FIG. 1A

FIG. 1B

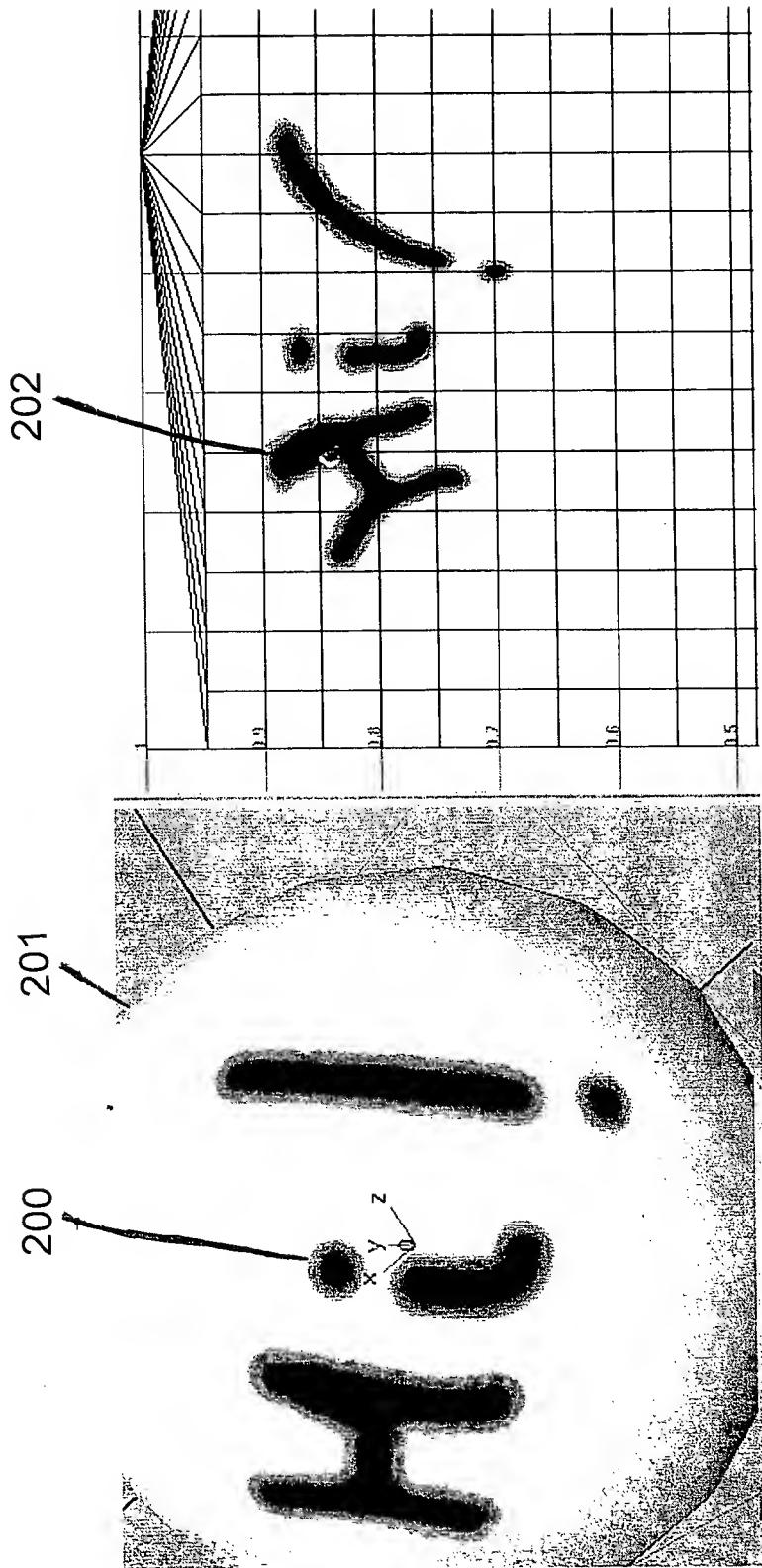


FIG. 2A

FIG. 2B

FIG. 3B

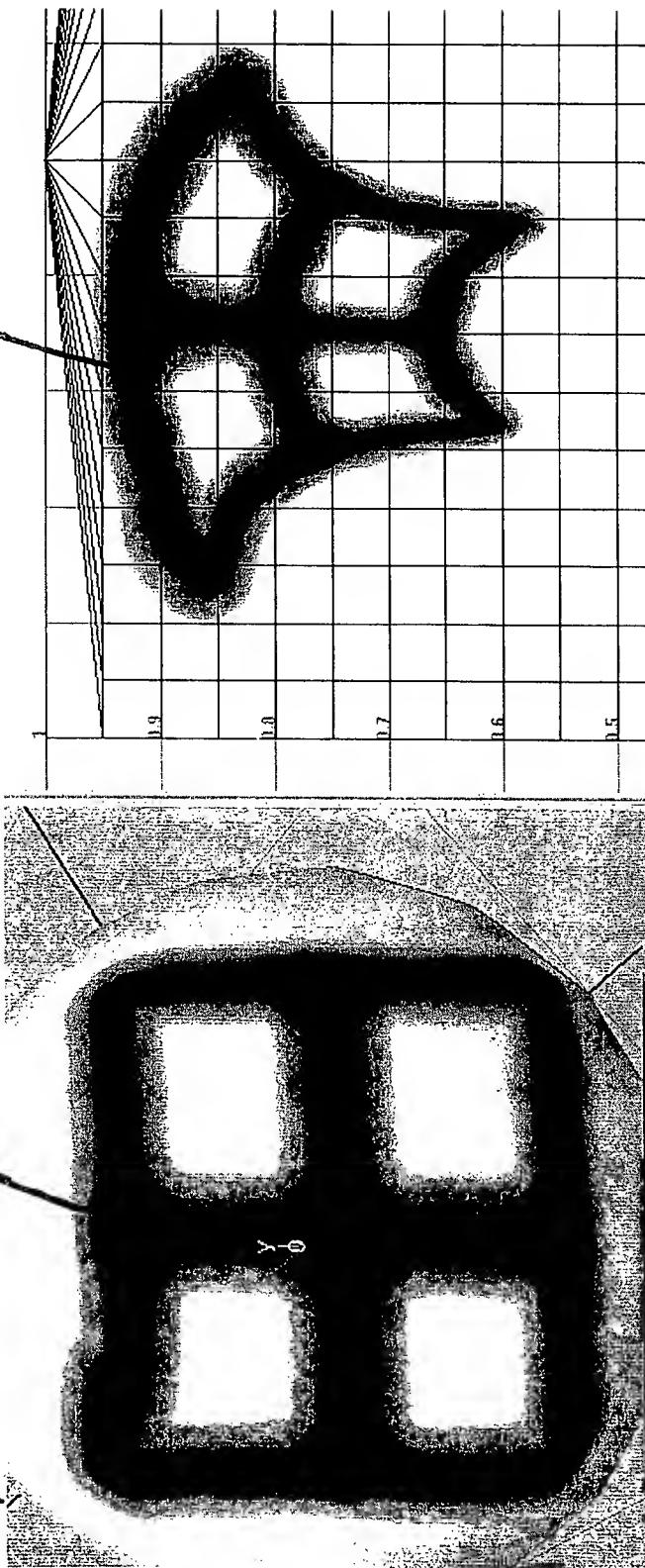


FIG. 3A

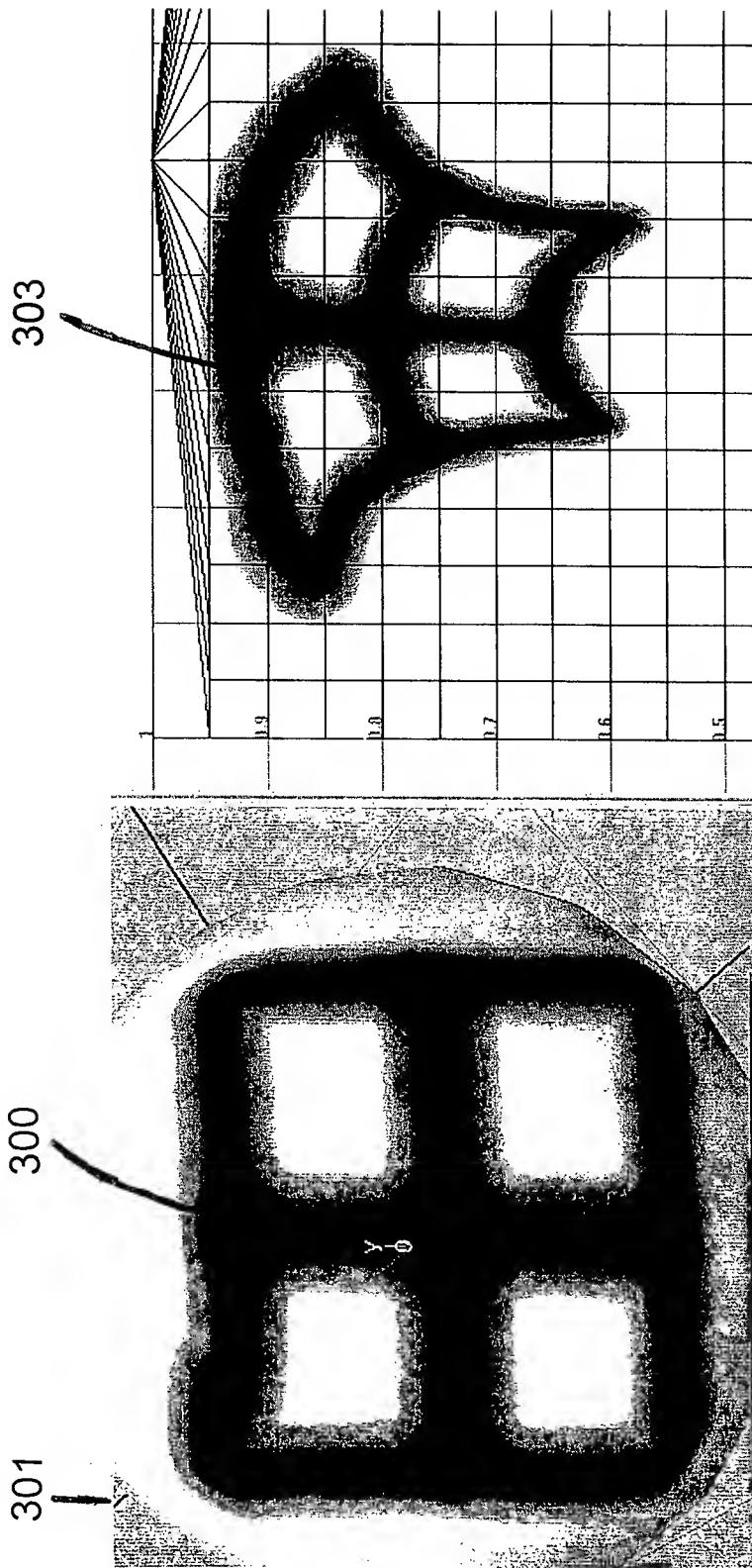
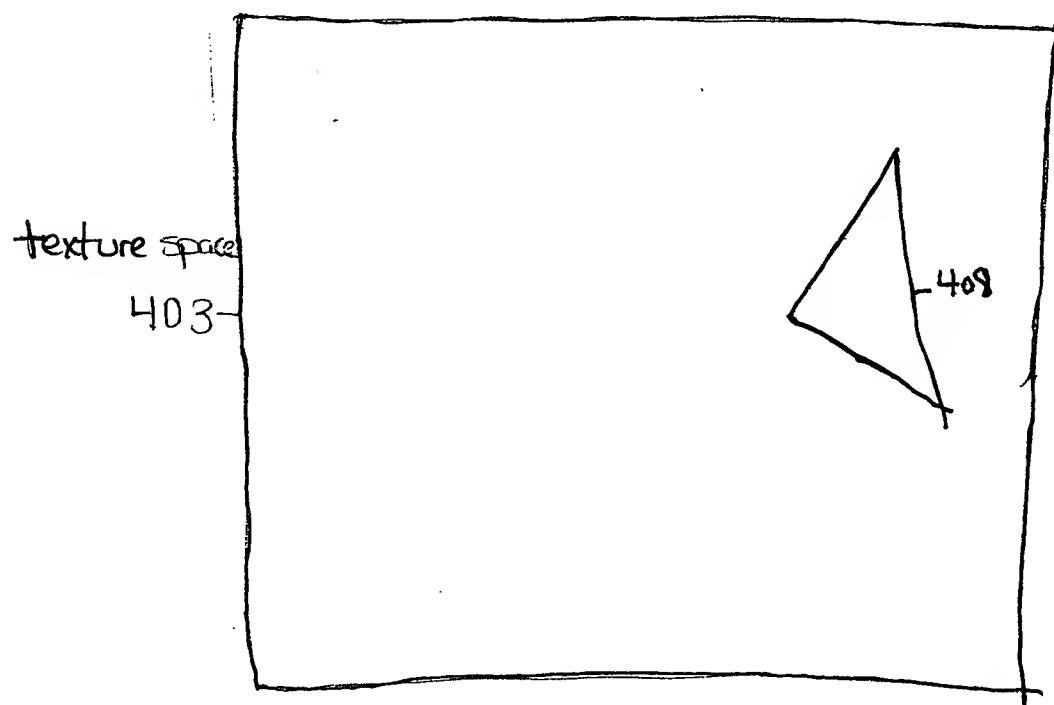
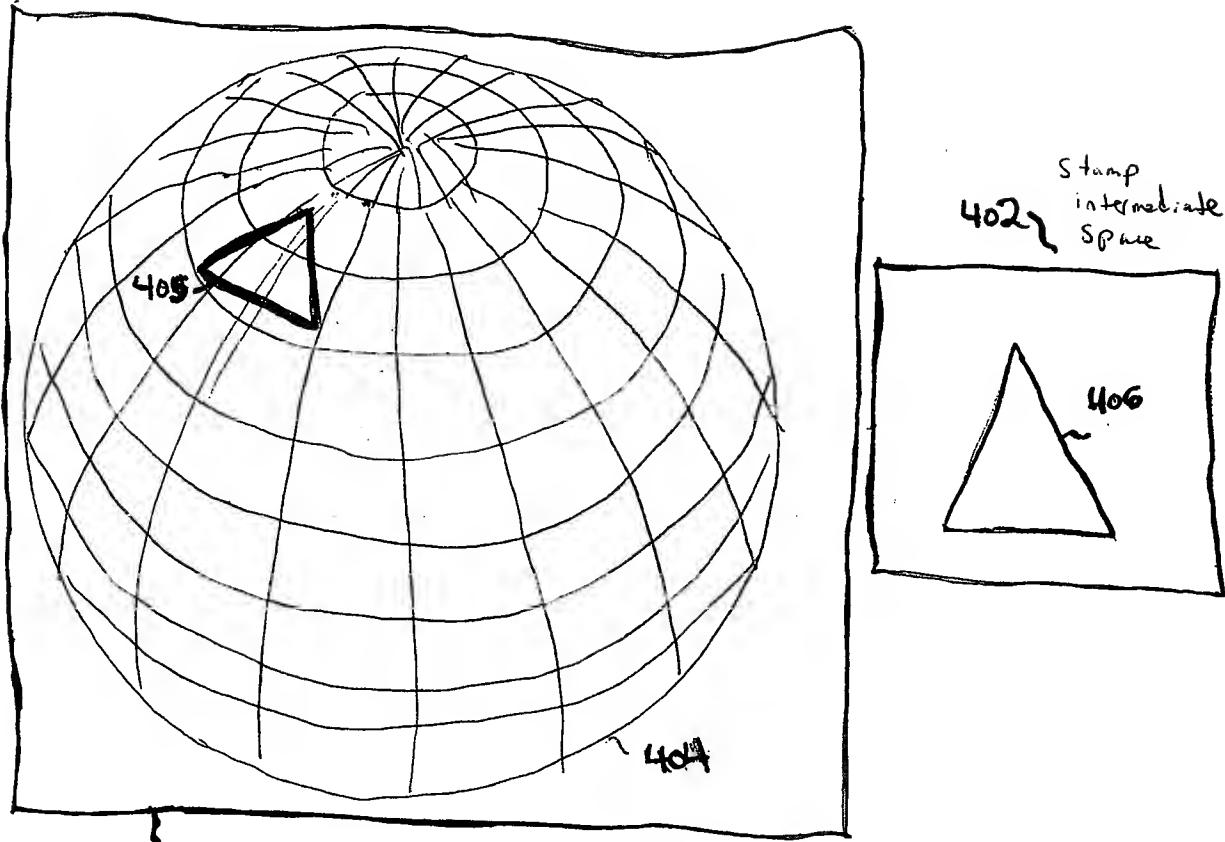


FIG. 4



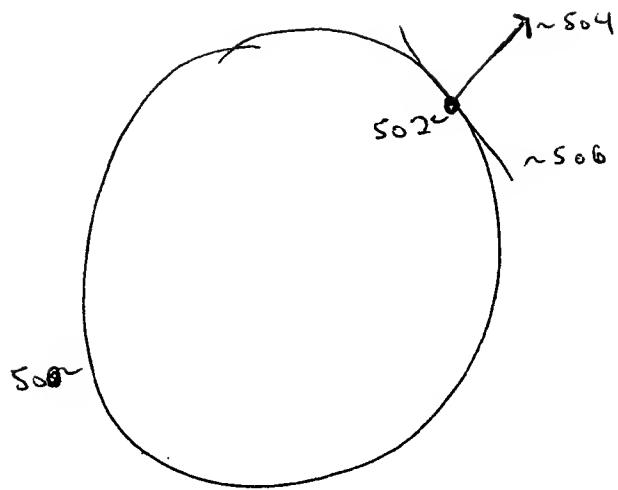


Fig. 5A

2000-10-20 10:00:00

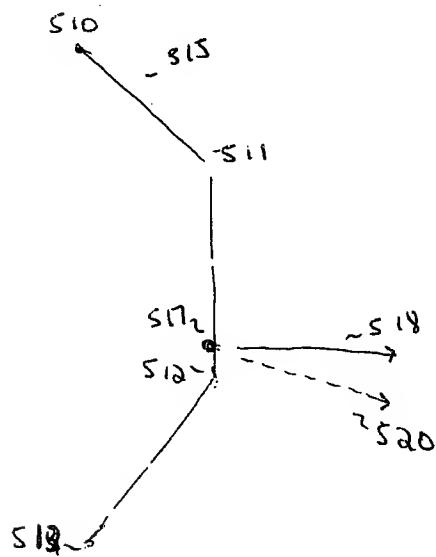


Fig 5B

20 21 22 23 24 25 26 27 28 29 30

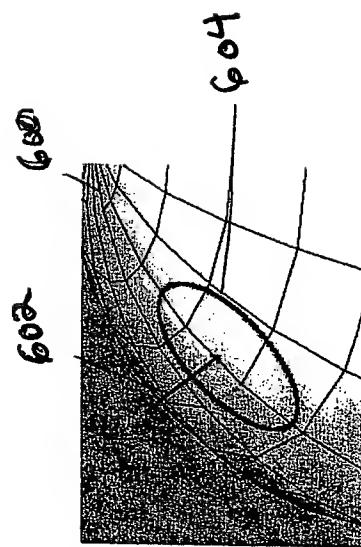


FIG. 6

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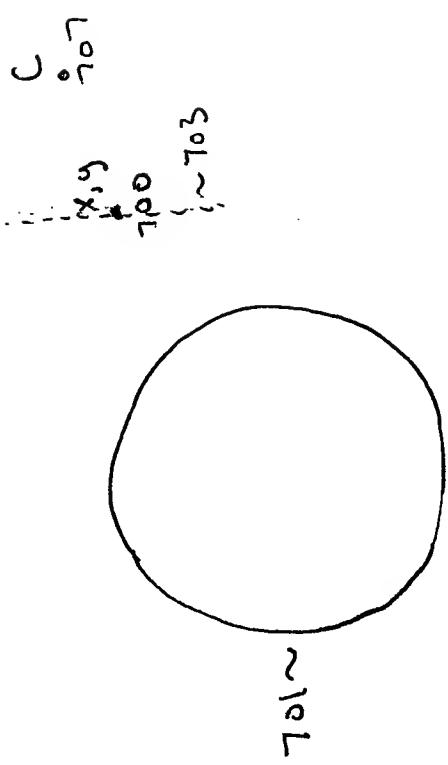
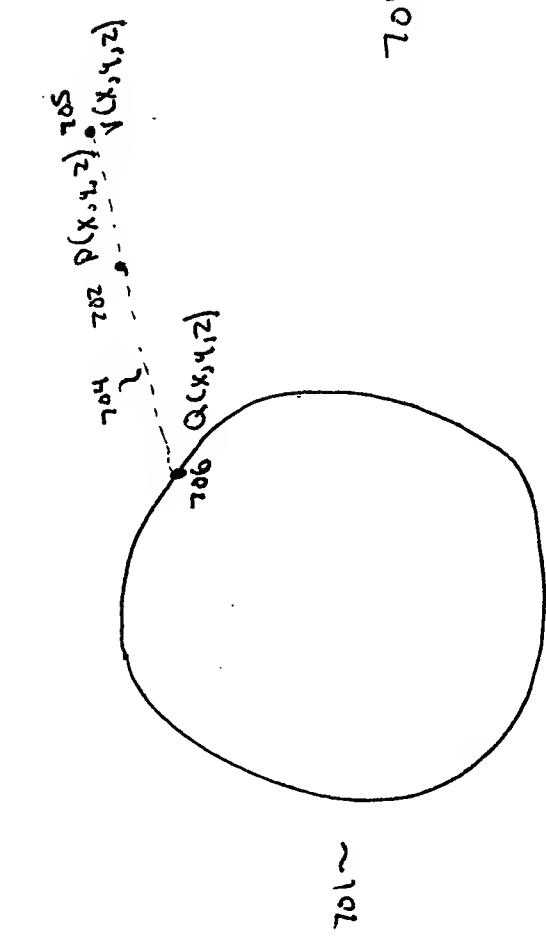
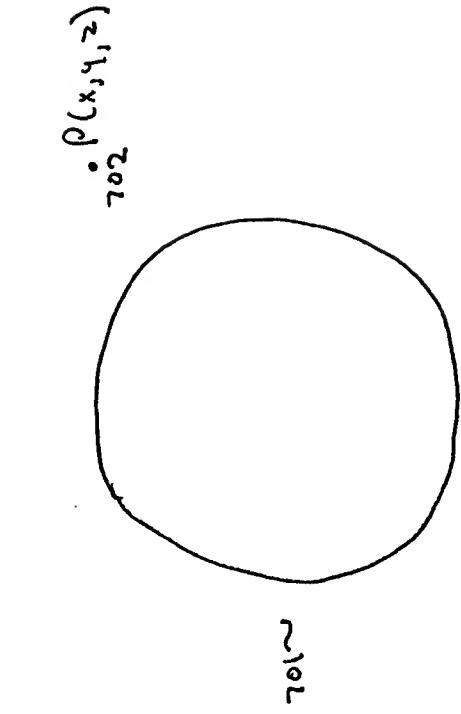


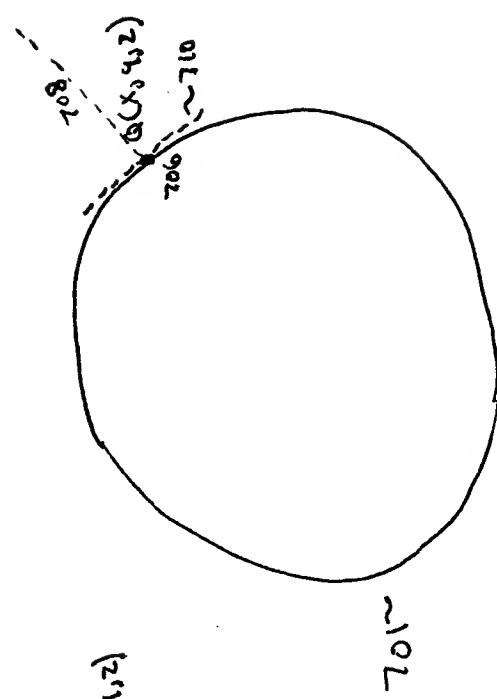
Fig. 4



TC = 8



Fix 73



10

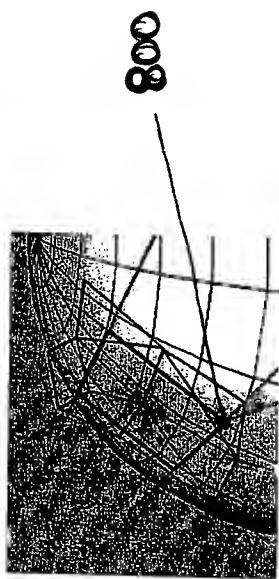


Fig. 8

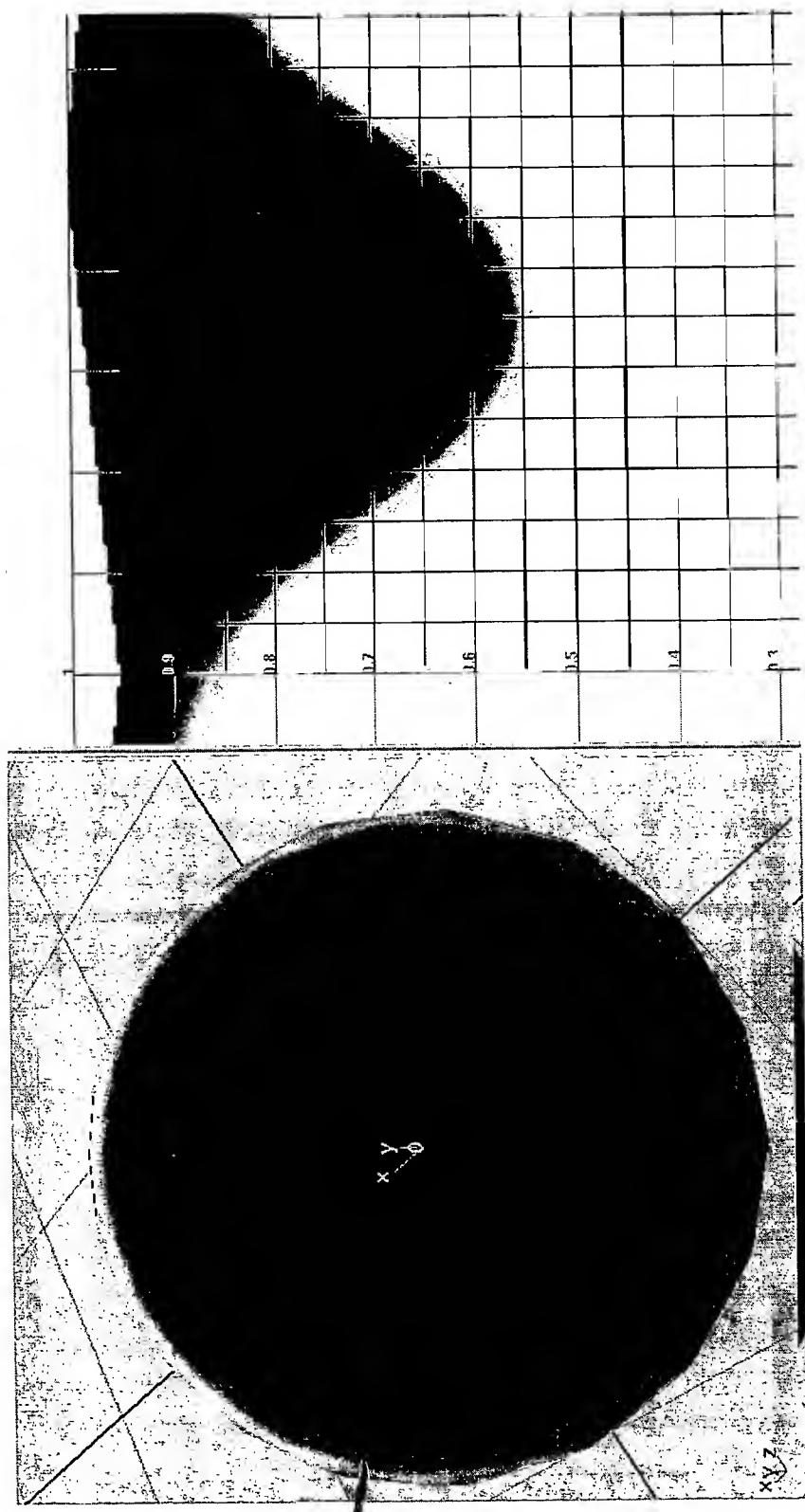


Fig. 9A

Fig. 9B

200 TECO "G" T 6 H 6 G 10

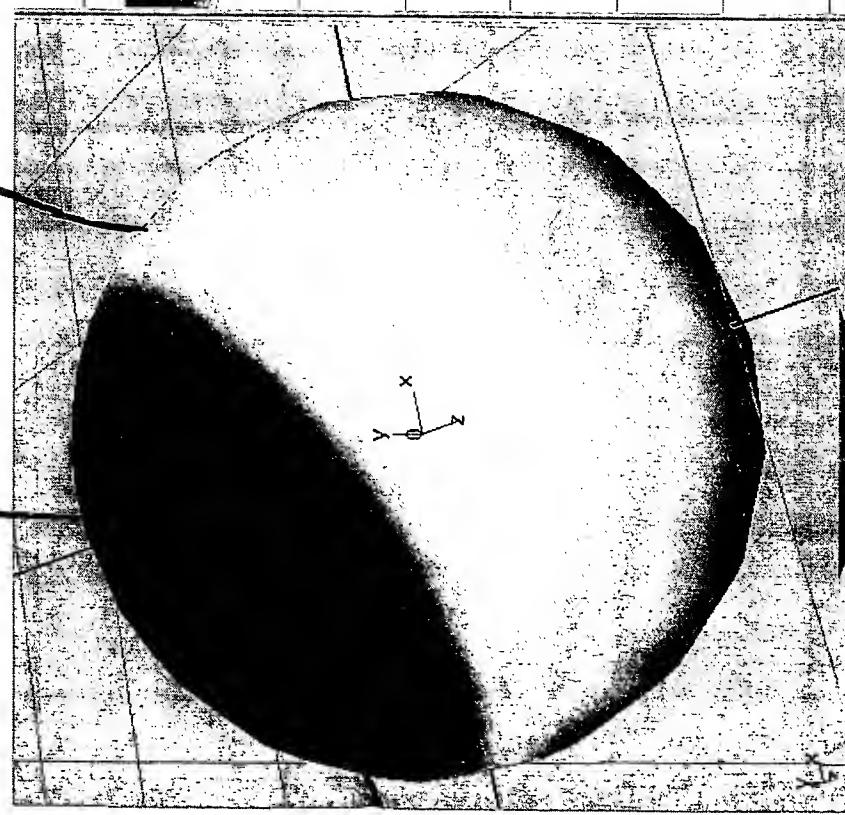


FIG. 10A

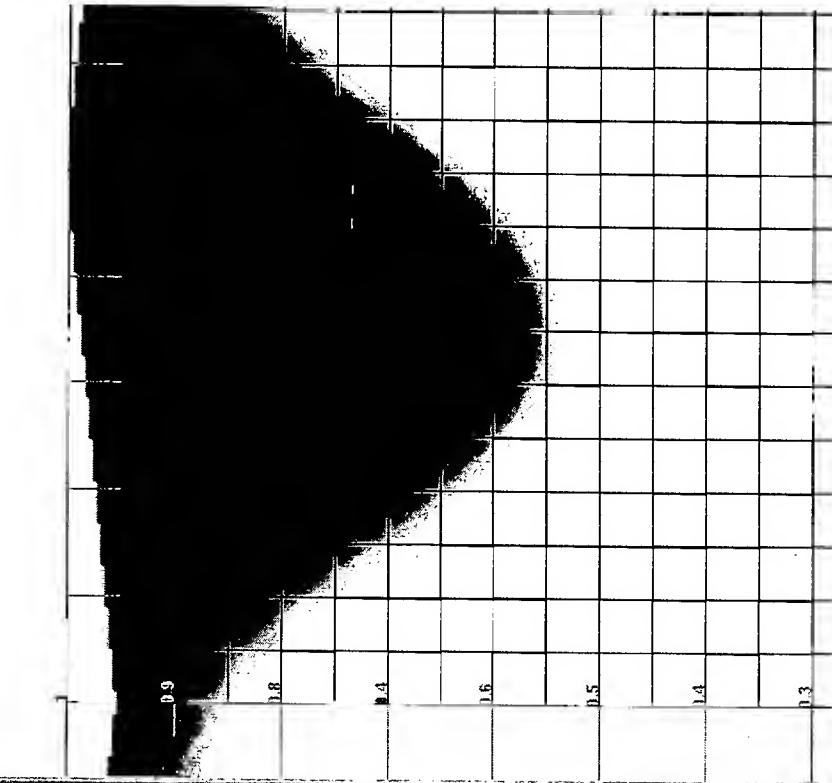


FIG. 10B

208120 " 6766660

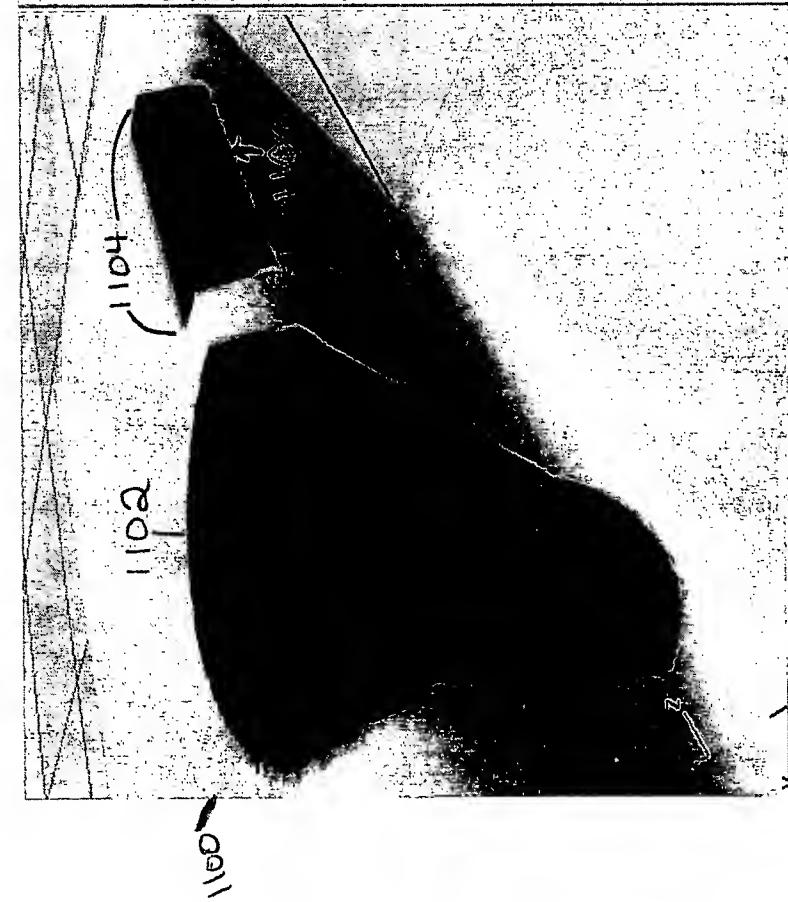


FIG. 11A

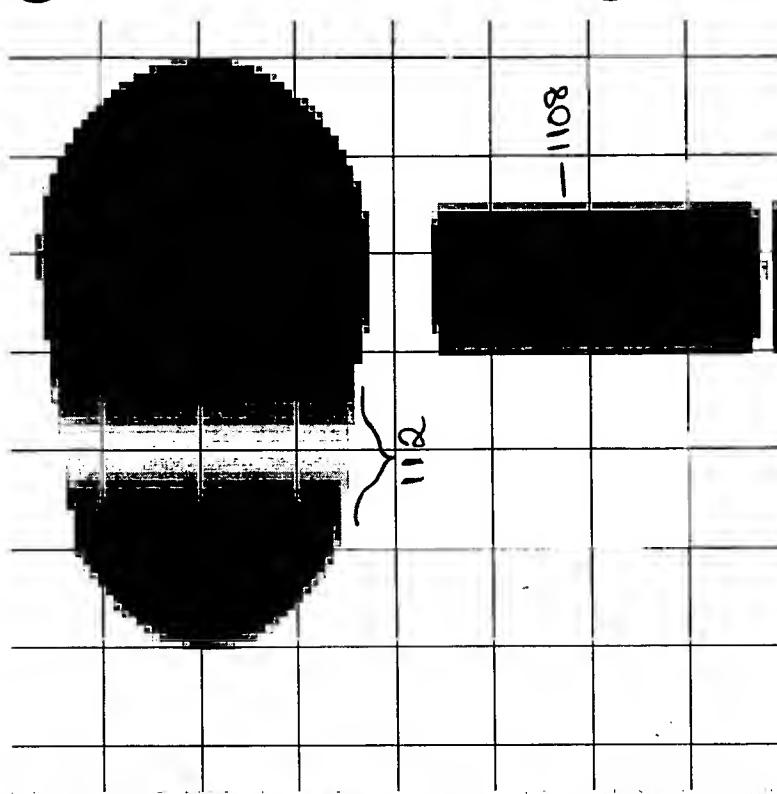


FIG. 11B

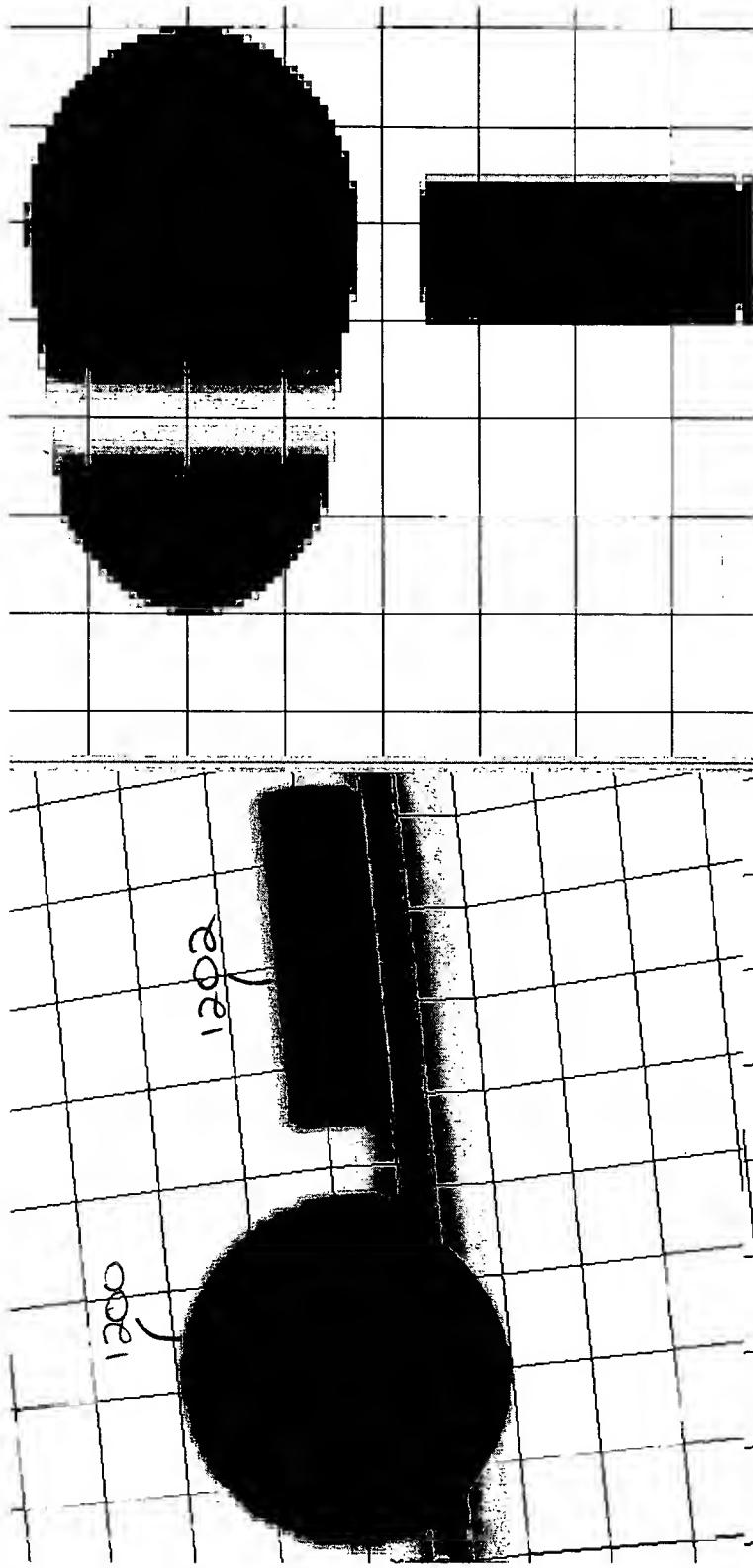


Fig 128

Fig 124

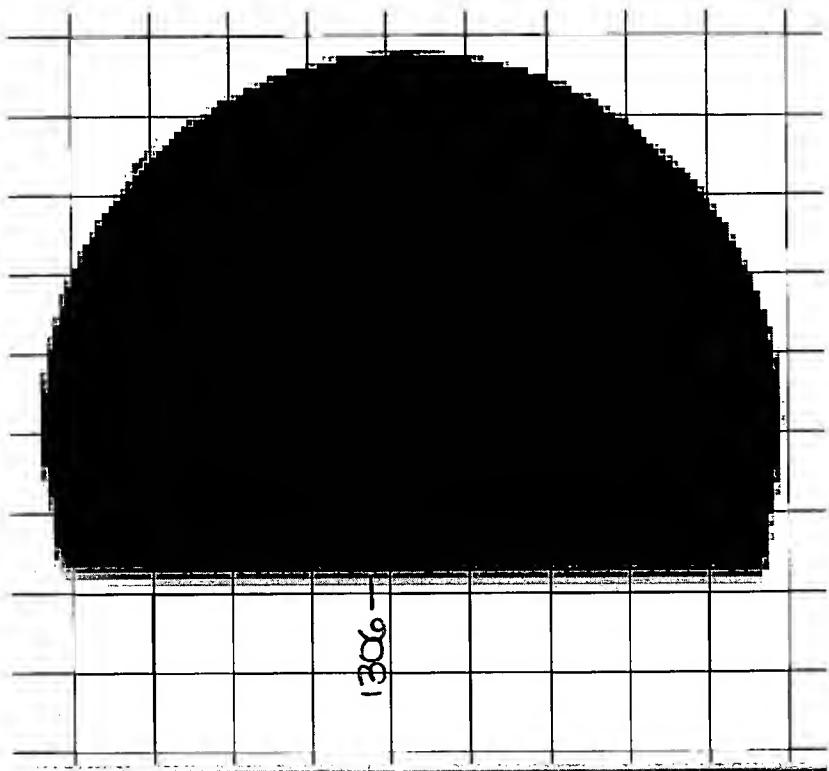


FIG 13B

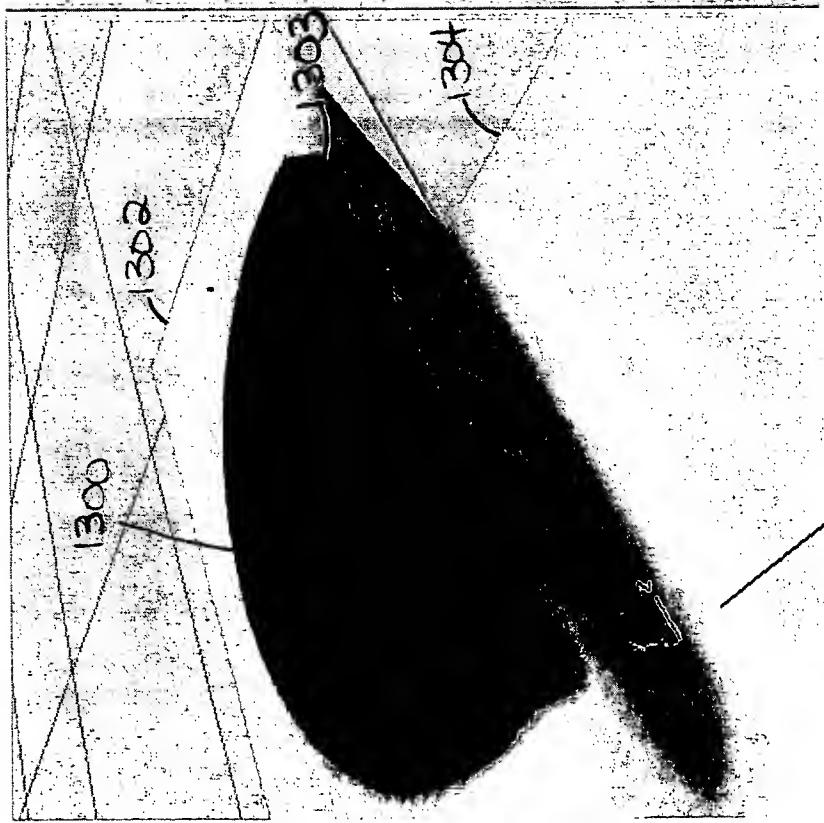


FIG 13A

Fig 14B



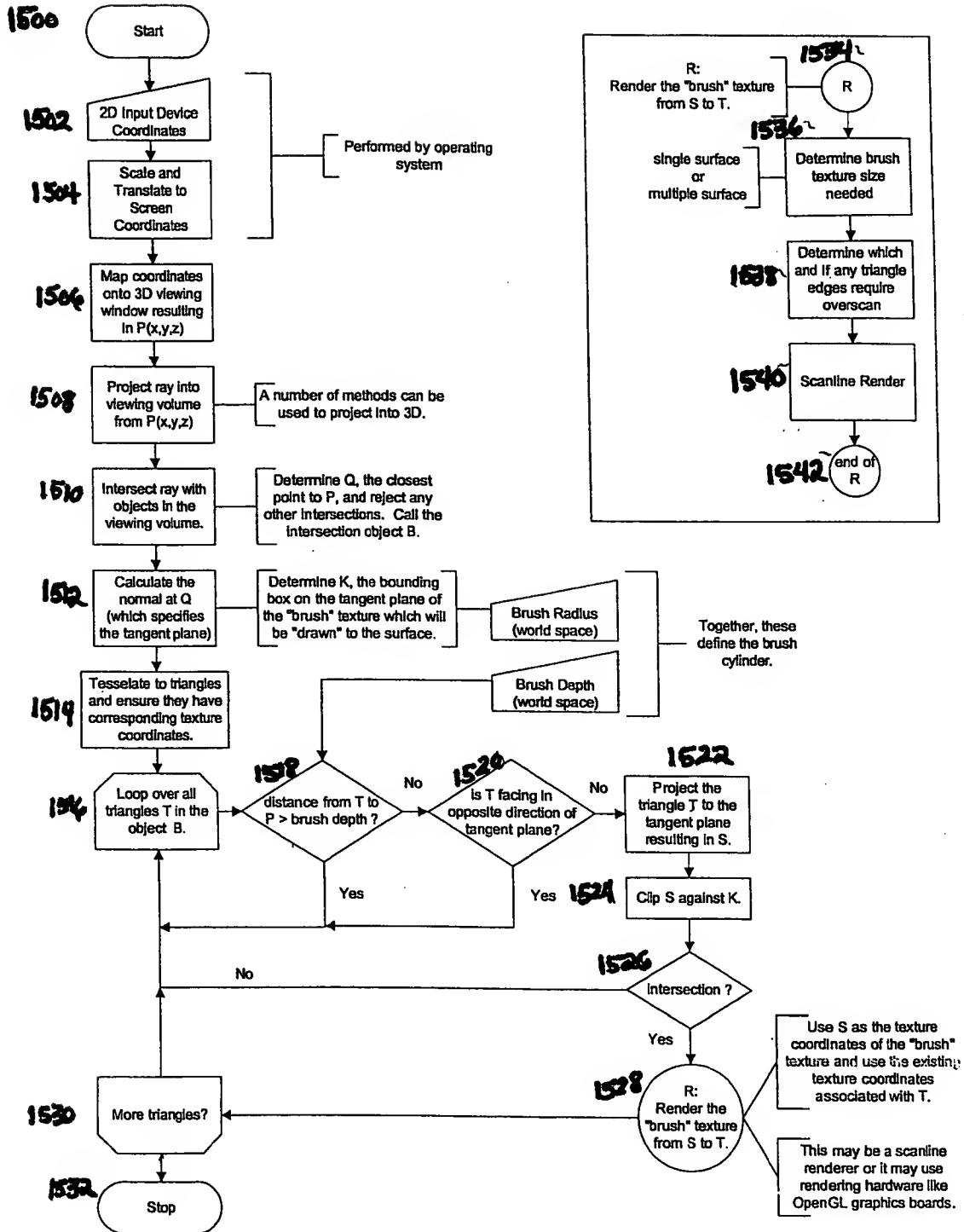


FIG. 15

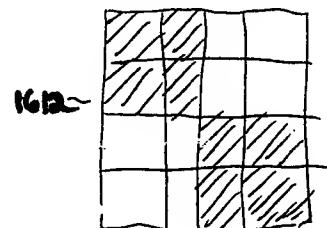
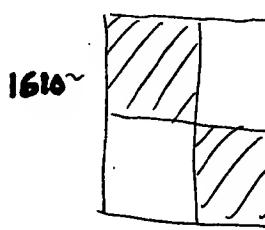
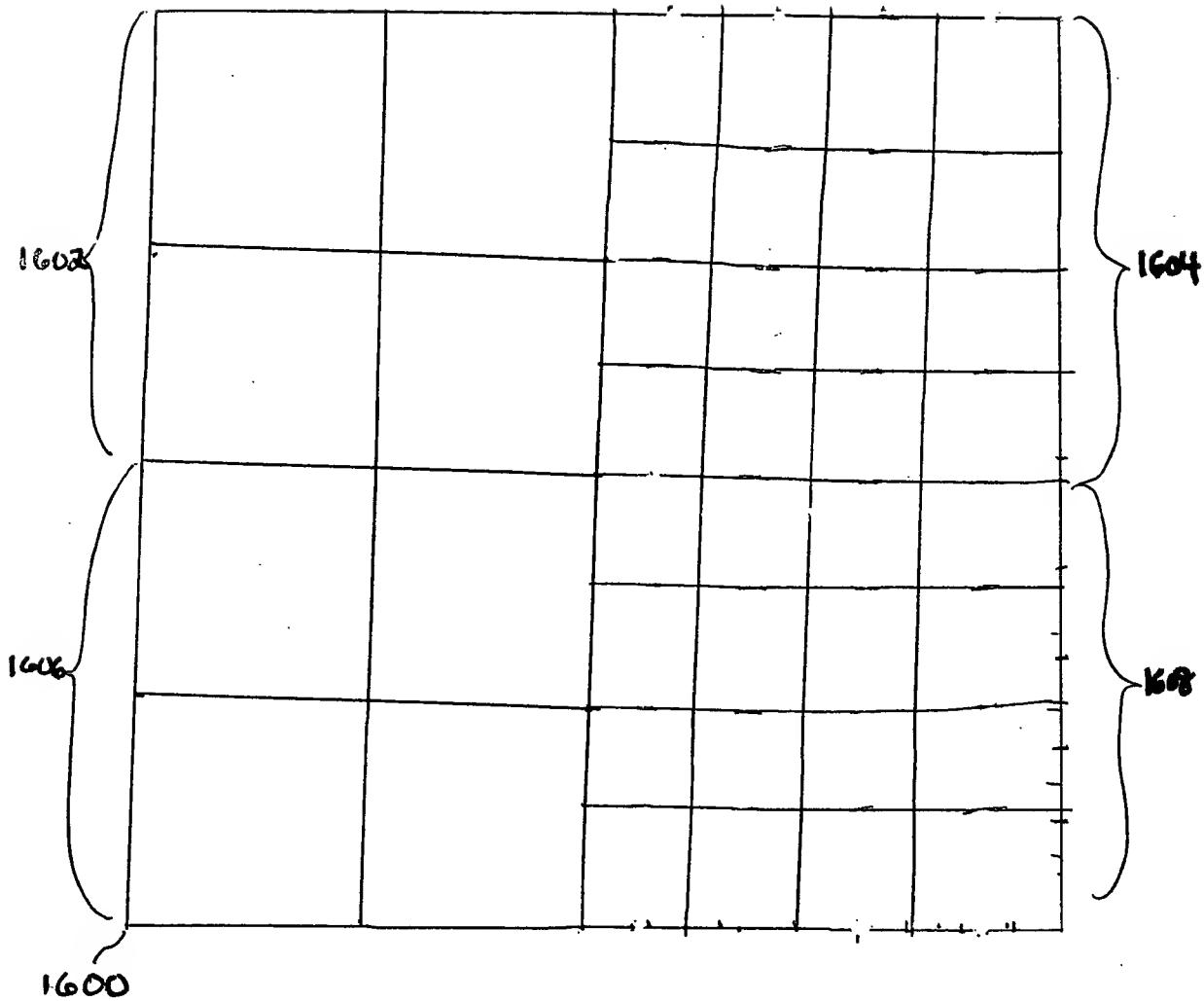


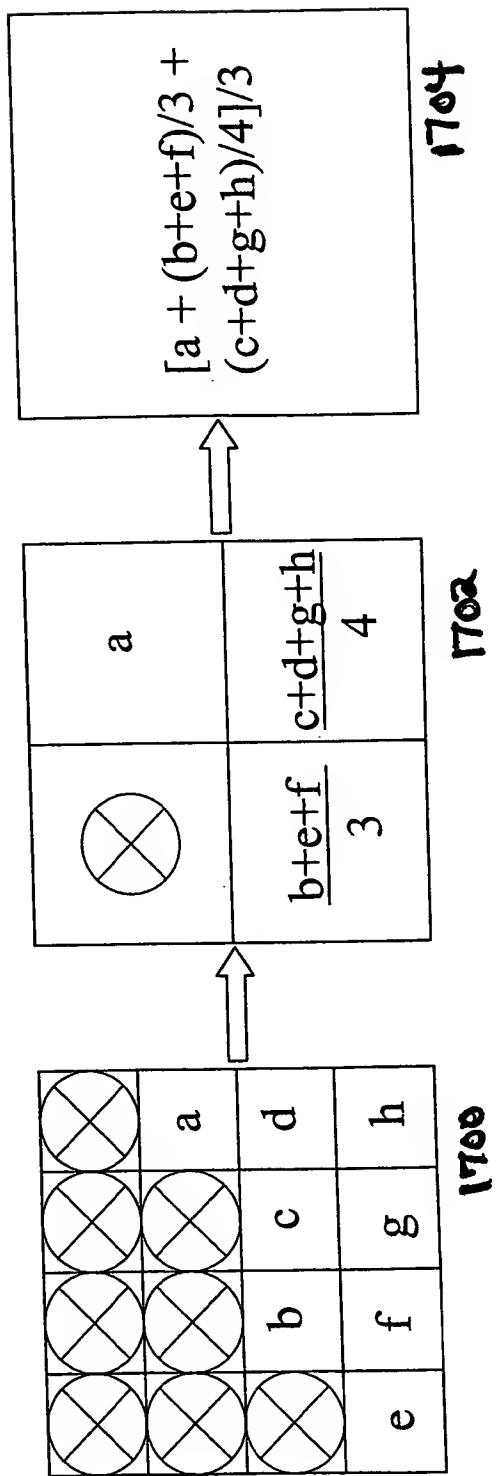
FIG. 16

After standard paint and overscan techniques are used, the image is processed to fill all remaining background pixels:  $\otimes$ .

the remaining background pixels:  $\mathbf{g}_i$ ;

First step computes the mipmap levels keeping track of background pixels.

- If the 4 pixels at previous level are background pixels, the new one is background too.
- If the 4 pixels at previous level are background pixels, the new one is background too.
- Otherwise, the color is the average of the non background pixels.



## FIG.

Second step traverses the mipmap the other way, and assign the coarser level values to the corresponding background pixels.

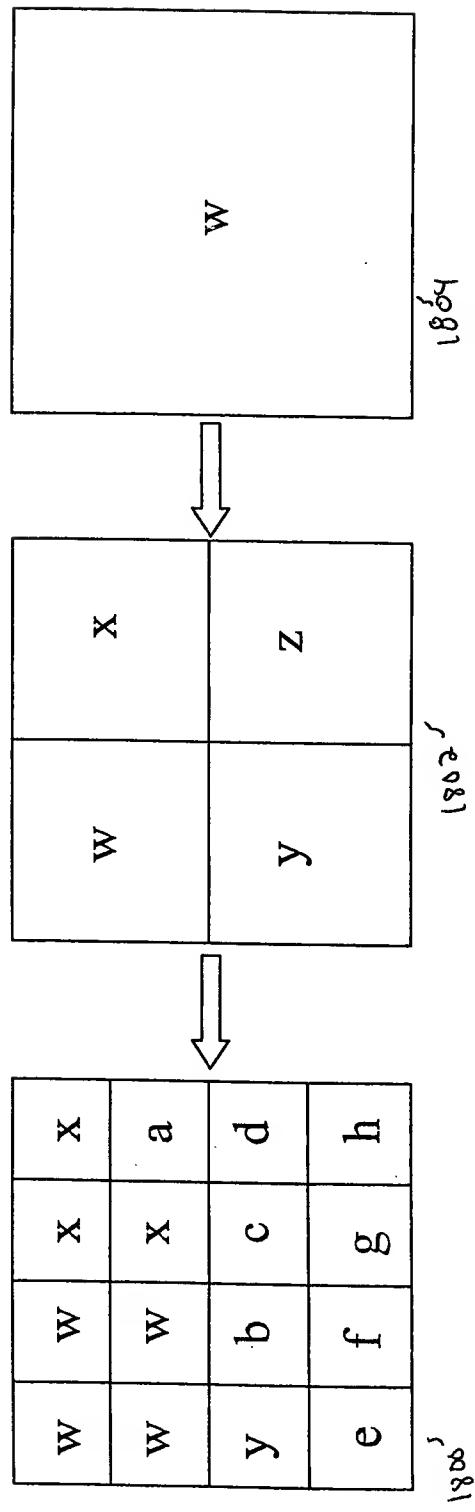


FIG. 18

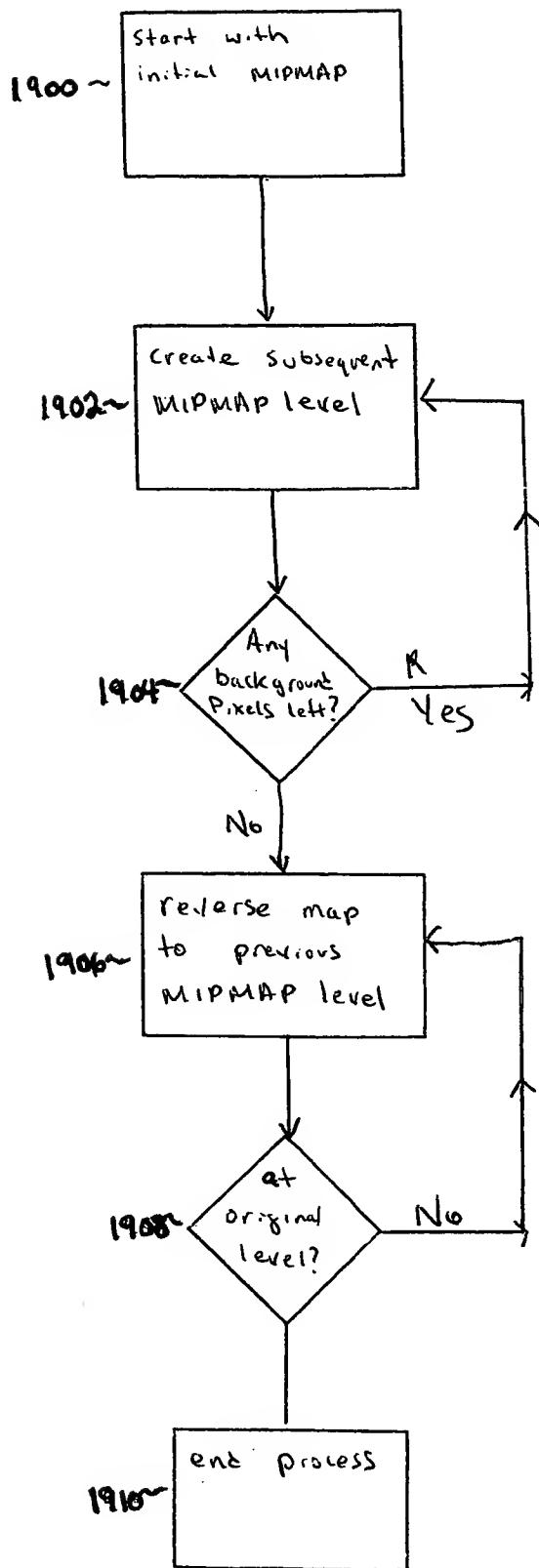


FIG. 19

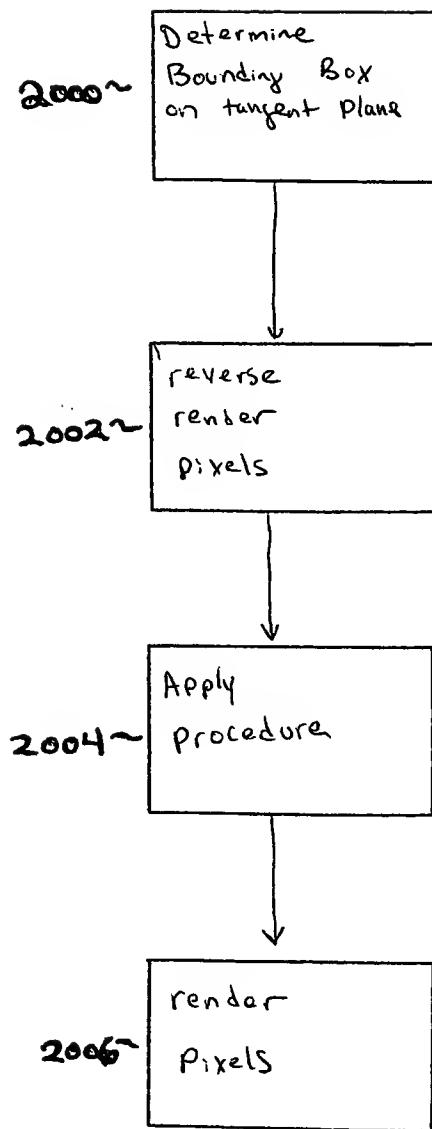


FIG. 20

2100-6708660

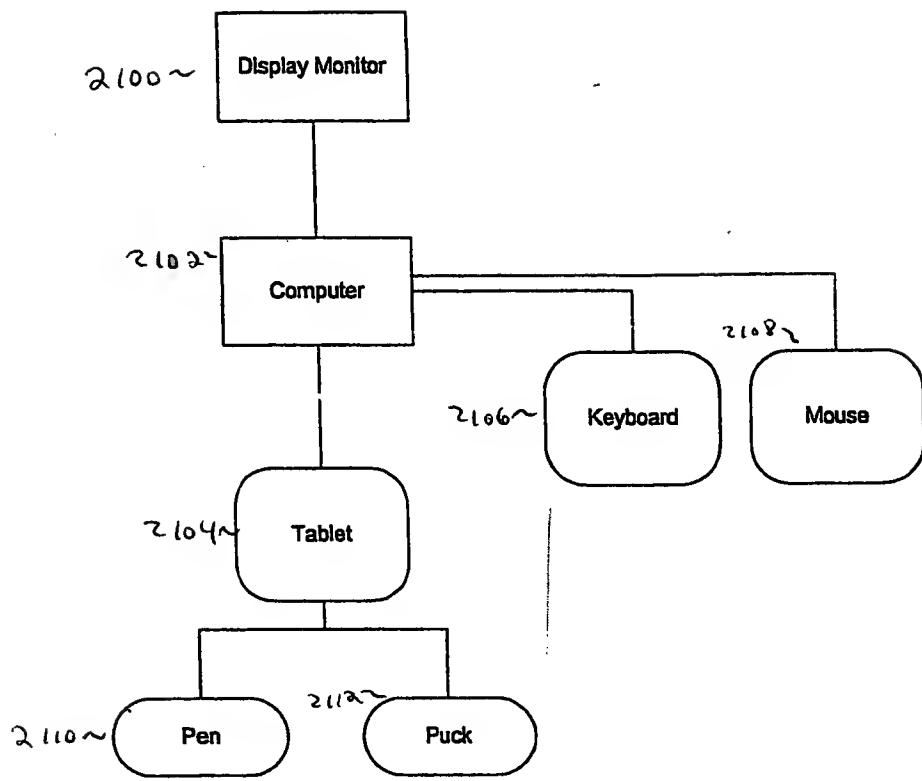


FIG. 21